Tools for Monitoring Hospital Acquired Infections

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Goals

• Understand how Care Management can help you monitor Healthcare Associated Infections (HAI) utilizing clinical data integration and automated alerts.

• Understand how the Surgery Module and Infection Control Module interact within Care Management.

• Practice using the Surgery and Infection Control modules including how to:
  ✓ identify and match, unmatched procedures
  ✓ import and review microbiology results
  ✓ link surgery episodes to infection episodes
  ✓ complete data entry into infection control module
Set-up for Modules

- Site Parameters
- Dictionaries
- Worklist Rules
Site Parameters

• Surg-default specialty from physician
  – Yes or No; allow surgeon’s specialty to populate automatically from the provider dictionary

• Surg-entry function
  – Allow entry of surgery data on the surgery form only, or on both; surgery form and infection control form
  – Number of days to look back for linking of surgery and infection control episodes
Dictionaries

- Dictionaries associated with NHSN scoring *(National Healthcare Safety Network)*
  - #195 **Procedure Risk Group Dictionary;** listing of Risk Groups *(CDC operative procedure categories)* with the associated maximum cut times in minutes
  - #43 **Procedures Dictionary;** listing of ICD9 coded procedures, now contains field to designate Risk Group *(CDC operative procedure category)*
  - #23 **Infections Dictionary;** listing of CDC HAI types and criteria. Provided by Midas+ for download.
  - #109 **Anesthesia Risk Dictionary;** ASA Score *(American Society of Anesthesiologists)*
  - #11 **Surgical Class Dictionary;** ACS wound class *(American College of Surgeons)*
Worklist Rules for SSI

• Multifaceted;
  • List of surgical patients with positive wound or blood cultures (*microbiology interface*)
  • List of patients with ICD9 codes suggestive of infection, including readmissions (*DAB interface*)
  • List of patients based on antimicrobial dispensing postop (*pharmacy/drug dispensing interface*)
  • List of patients identified based on non-microbiological criteria; purulent drainage, abscess on radiological exam, MD diagnosis (*letter of inquiry to providers*)
Thank you for attending.
Questions, anyone?

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